

For Research Use Only

CoraLite® Plus 488-conjugated HARS Monoclonal antibody

Catalog Number:CL488-67662



Basic Information

Catalog Number: CL488-67662	GenBank Accession Number: BC011807	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3035	CloneNo.: 1B7G2
Source: Mouse	UNIPROT ID: P12081	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: histidyl-tRNA synthetase	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG9224	Calculated MW: 509 aa, 57 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : MCF-7 cells,
Species Specificity: human, mouse, rat	

Background Information

HARS is a cytoplasmic enzyme that belongs to the class II family of aminoacyl-tRNA synthetases. The enzyme is responsible for the synthesis of histidyl-transfer RNA, which is essential for the incorporation of histidine into proteins. HARS is located in a head-to-head orientation with HARS1 on chromosome five, where the homologous genes share a bidirectional promoter. The gene product is a frequent target of autoantibodies in the human autoimmune disease polymyositis/dermatomyositis.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

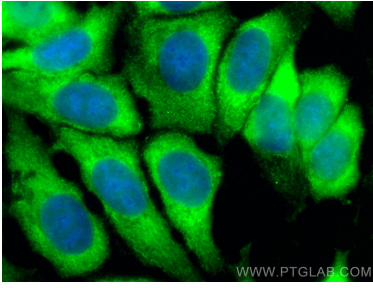
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using CoraLite® Plus 488 HARS antibody (CL488-67662, Clone: 1B7G2) at dilution of 1:200.